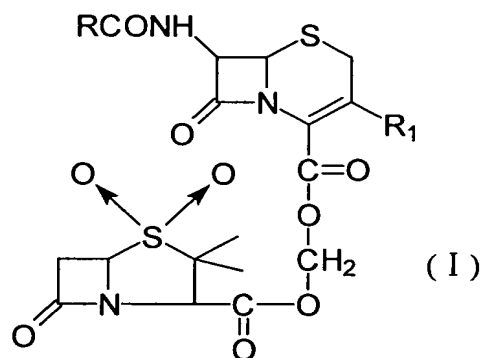


### Abstract

The present invention discloses the  $\beta$ -lactamase resistant cephalosporin ester compounds represented by the following formula (I), characterized in that the structures of the compounds are composed by connecting methyl ester residue of sulbactam halomethyl ester with carboxyl  
5 residue of semi-synthetic cephalosporins or salts of thereof.



The present invention also provides the pharmaceutical salts of thereof, and the use of thereof  
10 in preparation of oral antibiotics.